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ANNUAL
REPORT

OF THE

MEDICAL OFFICER
OF HEALTH

FOR 1945

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OF MORPETH

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MEDICAL OFFICER
OF HEALTH

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REPORT OF THE MEDICAL OFFICER OF HEALTH FOR 1945.

To the Chairman and Members of the Morpeth Rural District Council.

Ladies and Gentlemen,

I beg to present to you the Annual Report of the Medical Officer of Health concerning the health and sanitary circumstances of the Rural District in 1945.

There are no events of outstanding importance to report, since war conditions continued in operation during most of the year.

I should like to express my gratitude for the consideration extended to me by the members of the Council and for the support and assistance I have received from the staffs of the Health and other departments of the Council.

I am,

Your obedient Servant,

C. B. McGregor,

Medical Officer of Health,
Rural District of Morpeth.

October, 1946.

Rural District of Morpeth.

OFFICERS OF THE PUBLIC HEALTH DEPARTMENT.

Medical Officer of Health ...	Catherine B. McGregor, M.B., Ch.B., D.P.H.
Sanitary / Housing / Meat Inspector	Mr. T. T. Watson, R.S.I. & S.I.J.B. Certs., Meat Inspector's Certs.
Sanitary Surveyor	Mr. J. Coates, P.S.I. & S.I.J.B. Certs., Meat Inspector's Certs.
Offices of the R.D.C. ...	Dacre Street, Morpeth.
Telephone	Morpeth 24.
Offices of the M.O.H. ...	146, Station Road, Ashington.
Telephone	Ashington 287.

Rural District of Morpeth.

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
FOR **1945.**

SECTION A.
STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area in acres	79,193.
Registrar General's estimate of Resident Population, mid-1945 :	15,550.
Rateable Value	£67,246.
One Penny Rate produces	£265.
Number of Inhabited Houses (end of 1945)	4,308.

VITAL STATISTICS.

Births :—

Live Births.	Total.	Male.	Female.
Legitimate	275 ...	138 ...	137
Illegitimate	13 ...	11 ...	2

Birth Rate per 1,000 of the estimated resident population ... 18·52.

Still Births.	Total.	Male.	Female.
Legitimate	6 ...	3 ...	3
Illegitimate	— ...	— ...	—

Rate per 1,000 total (live and still) births ... ... 20·4.

	Total.	Male.	Female.
Deaths	161 ...	80 ...	81

Death Rate per 1,000 of the population ... ... 10·35.

Deaths from Puerperal Causes (headings 29 and 30 of the Registrar General's short list) :—

	Deaths.	Rate per 1,000 total (live and still) births.
No. 29 Puerperal Sepsis	— ...	—
No. 30 Other maternal causes ...	1 ...	3·4

Death Rate of Infants under one year of age :—

All infants per 1,000 live births	55·56.
Legitimate infants per 1,000 legitimate live births ...	54·55.
Illegitimate infants per 1,000 illegitimate live births ...	76·92.

Deaths from Cancer (all ages)	25.
Deaths from Measles (all ages)	Nil.
Deaths from Whooping Cough (all ages)	Nil.
Deaths from Diarrhœa (under 2 years)	Nil.

The Registrar General supplies the following :—

CAUSES OF DEATHS, 1945.

CAUSES OF DEATH.	Males.	Females.
1 Typhoid and Paratyphoid Fevers ...		
2 Cerebro-spinal Fever		
3 Scarlet Fever		
4 Whooping Cough		
5 Diphtheria	1	3
6 Tuberculosis of Respiratory System ...		3
7 Other Forms of Tuberculosis ...	1	
8 Syphilitic Diseases		
9 Influenza	1	
10 Measles		
11 Acute Polio-myel: and Polio-enceph		
12 Acute Inf.: enceph		
13 Cancer of Buc., Cav. and Oesoph (M) Uterus (F)		3
14 Cancer of Stomach and Duodenum ...	4	1
15 Cancer of Breast		2
16 Cancer of all other sites	8	7
17 Diabetes	1	
18 Inter-cranial Vascular Lesions	4	14
19 Heart Disease	25	22
20 Other Diseases of Circulatory System		3
21 Bronchitis	6	1
22 Pneumonia	4	2
23 Other Respiratory Diseases		
24 Ulcer of Stomach or Duodenum ...		2
25 Diarrhœa, (under 2 years)		
26 Appendicitis		
27 Other Digestive Diseases	2	1
28 Nephritis	2	2
29 Puerperal and Post Abort: Sepsis ...		
30 Other Maternal Causes		1
31 Premature Birth		1
32 Con., Mal., Birth Inj Infant Diseases	5	4
33 Suicide		
34 Road Traffic Accident	2	
35 Other Violent Causes	4	1
36 All Other Causes	10	8
Total Causes ...	80	81
Death of Infants under 1 Year.		
Legitimate	8	7
Illegitmate	1	
	9	7

INFANTILE MORTALITY, 1945.

CAUSES OF DEATH	Under 1 wk.	1-2 wks.	2-3 wks.	3-4 wks.	Total under 1 mth.	1-3 mths.	3-6 mths.	6-9 mths.	9-12 mths.	Total under 1 yr.
Prematurity	2	1	—	—	3	—	—	—	—	3
Congen. Abnormality ..	1	—	2	1	4	1	—	—	1	6
Birth Injury	1	—	—	—	1	1	—	—	—	2
Pneumonia	—	—	1	—	1	1	1	2	—	5
	4	1	3	1	9	3	1	2	1	16

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

LABORATORY FACILITIES.

Laboratory facilities are obtained at the County Laboratory, Newburn. The extent to which the facilities have been utilized is shown below :

Sent in by	Specimen.	Pos.	Neg.
C.C.T.O.	Sputa for Tubercle ...	5 ...	22
Medical Practitioners ...	do. ...	4 ...	35
M.O.H.	Swabs for C. Diphtheria ...	7 ...	137
Medical Practitioners ...	do. ...	107 ...	298
Medical Practitioners ...	Swabs for Hæmolytic Streptococcus ...	53 ...	26
M.O.H.	do. ...	— ...	1
Medical Practitioners ...	Blood for Widal	3 ...	3
Medical Practitioners ...	Fæces for Organisms ...	— ...	7

		Virulent. Gravis.	Virulent. Others.	Non-Virulent.
M.O.H.	Virulence tests for C. Diphtheria ...	2	1	2
Medical Practitioners ...	do.	1	3	3

AMBULANCE FACILITIES.

These services remain as before.

NURSING IN THE HOME.

No change. Number of district nurses : 10, and stationed as previously reported.

HOSPITALS.

None, except St. Andrew's Colony, an institution belonging to the Northumberland County Council Committee for the Care of Mental Defectives.

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER.

The main sources of water supplies to the various communities and villages in the district remain as before.

As was noted in the report for 1944, there is need for great improvement in the water supplies in many parts of the district, particularly in the rural areas, where at the present time water is, in many cases, derived from shallow wells which are liable to gross contamination, or from springs which tend to fail in a dry season.

Early in 1945 a detailed survey of existing water supplies throughout the area was prepared and issued by the Sanitary Surveyor. The report also indicated how, in many cases, the supplies could be improved and rendered satisfactory. Such plans for improvement will provide work for many years, but it is hoped that a start with some of the more urgent may be made before long.

Thirteen samples of water have been taken and submitted to the County Laboratory, High Street, Newburn, for bacteriological examination.

The bacteriological results are as follows:

Date.	Place of Collection.	No. of Colonies per ml. 37°C.	No. of Colonies per ml. 22°C.	Coli Aerogenes per 100 ml.
13/ 3/45.	Tap in Meldon Lodge	—	—	Nil
13/ 3/45.	Tap in Hartburn School	—	—	Nil
23/ 4/45.	Standpipe, Longhorsley Village ...	—	—	1
23/ 4/45.	Tap, Heighley Gate, Morpeth ...	—	—	Nil
1/ 5/45.	The well, Mildleton Village ...	—	—	1
1/ 5/45.	Tap, Middleton Hotel	—	—	20
3/ 7/45.	Pump, Felton Lane Crossings ...	—	—	1
3/ 7/45.	Tap on well, Felton Lane Crossings	—	—	1
29/ 8/45.	Tap in scullery, Berryhill Farm, Longhorsley			13
4/12/45.	Village Tap, Longhorsley ...	—	—	Nil
4/12/45.	Cottage, Espley	—	—	Nil
11/12/45.	Cottage, Home Farm, Eshott ...	—	—	Nil
11/12/45.	Tap, Swarland Terrace, Red Row	—	—	Nil

WATER SUPPLIES: NEW SERVICES.

Provision of hot water supply, Smallholdings, Stobswood.
Installation of hot and cold water supply, Retreat Cottage, Cresswell.
Renewal of water service pipes, Pegswood Co-op. and manager's house.
Renewal of water pipes, North High Moor Farm.
Provision of hot and cold supply, Home Farm Cottages, Linden.
Six service pipes cleared, Ferneybeds.
Hot water system installed, Middleton cottage.

DRAINAGE AND SEWERAGE.

The following works have been undertaken during the year :—

New drainage and septic tank, South Linden Farm.
New septic tank for cottages, East Benridge.
Entirely new drainage and septic tank, Farmhouse, Cresswell Home Farm.
New septic tanks for Eshott Village and Home Farm.
Extension to existing drainage, Tritlington School.
New drainage and septic tank, Witton Shields Farm.
Entirely new drainage to main sewer, Institute House, Ellington.
New drainage and septic tank, Jeffrey's House, West Thirston.
New drainage and septic tank, Home Farm Cottage, Linden.
New drainage and connection to main sewer, "Hillview," Cresswell Rd.
New drainage and connection to main sewer, Lynemouth Social Club.
Cesspool cleaned out, Field House, Hepscott.
New drains laid, Broomhill Farm, North Broomhill.

ALTERATIONS AND IMPROVEMENTS.

Addition of bathroom, South Linden Farm.
Addition of bathroom and bedroom, Witton Shields Farm.
Addition of wash-house and store, East Market Bungalow, Lynemouth.
Provision of bathroom, Home Farm Cottage, Linden.
Provision of new range, Smallholdings, Stobswood.
Installation of bath, Retreat Cottage, Cresswell.
Improvements to ash-closets, South Broomhill.
,, ,, ,, Ferneybeds.
New eaves, gutters and downspouts and roof repairs, Coalburn, Hepscott.
New concrete roof on privy-midden and coalhouse, 48 Swarland Terrace.
Repairs to East Chevington Farm Cottage.
Improvement to privy-midden, Blakemoor Farm.
New privy-midden, Moor Edge Cottage, Longhorsley.
Two new W.C. basins, Ferneybeds.
Addition of wash-house, Merton House, Ellington.
,, ,, ,, Farm Cottage, Tranwell.
,, ,, ,, Farm Cottage, West Chevington.
,, ,, ,, coalhouse and outside W.C., Elfroy Cottage, Straight Mile.
Addition of pantry, Old School House, Ulgham.

CLOSET ACCOMMODATION.

Conversions to water-carriage system took place at :—

Albion House, Straight Mile, Widdrington	1
Glencoe, Straight Mile	1
Gardener's Cottage, Cresswell	1
South Linden Farm, Longhorsley	1
Hill View, Windmill Field, Ellington	1
Pasture House, Broomhill	1
68, 70, 72, 74, Swarland Terrace, Red Row	4
Farm Cottages, East Benridge	2
Cresswell Home Farm	1
49 Swarland Terrace, Red Row	1
Eshott Village	8
Tritlington School	4
West Thirston	7
Witton Shields Farm, Netherwitton	1
W.L.A. Hostel, Eshott	1
Ulgham Grange Villa	1
Institute House, Ellington	1
Broomhill Methodist Church	1
Cottages, Fenrother East Farm	2
Cottage, The Helm	1
Nunriding Hall	3
Fawdon House Farm	2
Hare Law Cottage	1
	47

PUBLIC CLEANSING.

The public cleansing in the Parishes of West and East Chevington, Lynemouth, Ellington and Hepscott is carried out by direct labour.

The scavenging in the Parishes of Pegswood, Longhirst, Ulgham, Widdrington, Cresswell and Longhorsley is carried out by contract.

The type of waggon the Contractors use for such work leaves much to be desired. They are all of the open type, no proper covers provided, and in these days, for improvement, the Council should consider carrying out the work with direct labour with suitable waggons.

SHOPS.

No action has been found necessary.

CAMPING SITES.

No change from previous report.

MOVEABLE DWELLINGS.

(1) Licences granted to station moveable dwellings, etc. ... 4
(2) Licences renewed to station moveable dwellings, etc. ... 8

SMOKE ABATEMENT.

No complaints or nuisance arising from the pollution of the atmosphere from smoke have been received or detected during the year.

SWIMMING BATHS AND POOLS.

There are no *(a)* public or *(b)* privately-owned swimming baths within the district.

ERADICATION OF BED BUGS.

(1) No. of private houses found to be infested during the year Nil
(2) No. of Council ,, found to be infested during the year 4

The method employed for disinfesting houses is by means of "Zaldecide" as a spray and sulphur dioxide.

One Council house at Widdrington found dirty and overcrowded.

One house at Tritlington found overcrowded.

RATS AND MICE (DESTRUCTION) ACT, 1919.

The scavenging tips, salvage depot, Pegswood Sewerage Works and Lynemouth Pumping Station have, during the year, received the attention of a professional rat-catcher who visits periodically.

Situation of the tips :—Broomhill 2, Widdrington 1, Ulgham 1, Longhirst 1, Pegswood 1, Lynemouth 1, Longhorsley 1, Ellington 1, and Old Moor 1.

The Central Salvage Depot is at Pegswood.

SCHOOLS.

There are 18 schools and all have a sufficient water supply except Cambo, where the water from time to time becomes rather scarce.

Ten schools have the water-carriage system with sufficiency of water.

SECTION D.

HOUSING.

Number of houses erected during the year 1945 :

(a) By Local Authorities (with State assistance) 11
(b) By other bodies or persons (unaided) 1

HOUSING (RURAL WORKERS) ACTS, 1926 & 1931, AND AMENDMENT ACT, 1938.

The following works were carried out under the above Acts :—

CRESSWELL HOME FARM.—Subdivision of farmhouse into two separate dwellings. Assistance given for one under the provisions of the Acts.

EAST FENROTHER.—Reconditioning of farm cottage, addition of bedroom, bathroom and larder. Provision of hot and cold water and new drainage.

COTTAGE, THE HELM.—Addition of large bedroom and coal-house. Rearrangement of existing rooms to provide scullery and bathroom with hot and cold water. New drainage system with septic tank.

FARM COTTAGES, NUNRIDING HALL.—Reconditioning of two cottages. Provision of new drainage. Installation of baths and W.C.s and hot and cold water.

FARM COTTAGES, FAWDON HOUSE, LONGHIRST.—Addition of scullery, larder and bedroom to each house. Provision of bathrooms, W.C.s and new drainage.

FARM COTTAGE, HARE LAW.—Provision of bathroom with hot and cold water supply. Separate W.C.s and entirely new drainage with septic tank.

SECTION E.

INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY.

Number of cowkeepers (registered) in the district ...	90
Approximate number of cows kept	1766

One person's name was removed from the Register owing to unsatisfactory premises.

Attached is set out a comprehensive summary of the results of bacteriological and biological reports of samples of milk, displayed in various categories. In order to prevent duplication in the taking of samples, an exchange of information between the Sanitary Departments of the five constituent authorities respecting sampling has been carried out.

Total number of samples taken from all sources : 81.

Producers in the Rural District (taken by "Inside" Officials) ...	20
Producers out of Rural District (,, ,, ,,) ...	5
Producers in the Rural District (,, "Outside" ,,) ...	56
Total ...	81

FARMS IN THE RURAL DISTRICT (sampled by "Inside" Officials).

TUBERCULIN TESTED (1 sample only).

1 Failed Methylene Blue test only.
The above sample was not tested for B.Coli.
The above sample was tested for T.B. (negative).

ACCREDITED (3 samples).

3 Satisfied Methylene Blue test only.
The above samples were not tested for B.Coli.
2 Samples were tested for T.B. (both negative).

UNDESIGNATED (16 samples).

6 Satisfied Methylene Blue test only.
10 Failed Methylene Blue test only.
The above samples were not tested for B.Coli.
10 Samples were tested for T.B. (all negative).

FARMS "OUTSIDE" RURAL DISTRICT (sampled by "Inside" Officials).

TUBERCULIN TESTED (3 samples).

3 Satisfied Methylene Blue test only.
The above samples were not tested for B.Coli.
3 Samples tested for T.B. (all negative).

ACCREDITED (1 sample).

1 Failed Methylene Blue test only.
The above sample was not tested for B.Coli.
The above sample was tested for T.B. (negative).

PASTEURISED (1 sample).

1 Satisfied Methylene Blue test only.
The above sample was not tested for B.Coli.
The above sample was tested for T.B. (negative).

UNDESIGNATED.

No samples taken.

FARMS "INSIDE" RURAL DISTRICT (sampled by "Outside" Officials).

TUBERCULIN TESTED (10 samples).

6 Satisfied both Methtylene Blue and B.Coli tests.
2 Satisfied Methylene Blue test only.
1 Failed both Methylene Blue and B.Coli tests.
1 Failed Methylene Blue test only.
7 Samples tested for B.Coli.
1 Sample tested for T.B. (negative).

ACCREDITED (22 samples).

1 Satisfied both Methylene Blue and B.Coli tests.
1 Satisfied B.Coli test only.
2 Satisfied Methylene Blue test only.
2 Failed both Methylene Blue and B.Coli tests.
2 Failed Methylene Blue test only.
2 Failed B.Coli test only.
12 Tested for T.B. only.
7 Positive T.B. tests.
3 Samples tested for Methylene Blue and B.Coli tests.
3 ,, ,, ,, B.Coli only.
4 ,, ,, ,, Methylene Blue only.
15 ,, ,, ,, Tuberculosis.

UNDESIGNATED (24 samples).

1 Satisfied both Methylene Blue and B.Coli tests.
12 Satisfied Methylene Blue test only.
5 Failed both Methylene Blue and B.Coli tests.
5 Samples tested for T.B. only.
1 Sample *failed* Methylene Blue test but *satisfied* B.Coli test.
2 Positive T.B. tests.
7 Samples tested for Methylene Blue and B.Coli.
12 ,, ,, ,, ,, ,, (all satisfactory).
12 ,, ,, ,, T.B.

MEAT AND OTHER FOODS.

The following foods were surrendered in the Morpeth Rural District to the Council's Meat Inspector :—

Unsound Food.	Surrendered.	Seized.
Potatoes	4 cwts.	—
Bacon	1 cwt.	—
Pork Luncheon Meat	16 tins — 48¾lbs. ...	—
Pork Sausage Meat	4 tins — 6 lbs. ...	—
Pork Loaves	3 lbs.	—
Steak	8 tins — 8 lbs. ...	—
Prem Luncheon Meat	3 tins — 2¼lbs. ...	—
Ham (cooked)	13 lbs.	—
Ham (chopped)	3½lbs.	—
Ham	39¾lbs.	—
Prunes	50 lbs.	—
Beans	8 tins — 9 lbs. ...	—
Salad Dressing	3 jars	—
Pork and Beans	10 tins — 11 lbs. ...	—
Fish	14 tins.	—
Milk (evaporated)	176 tins — 159½lbs. ...	—
Milk (full cream)	5 tins — 8¾pts. ...	—
Milk (skimmed)	2 tins — 3¾pts. ...	—

SECTION F.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Hospital accommodation for cases of infectious disease was Northumberland Joint Hospital Board, of which the Rural District Council is a constituent.

	Total cases notified	Cases Admitted to Hospital.	Total Deaths.
Scarlet Fever	9	2	—
Diphtheria	70	54	4
Pneumonia	2	Unknown	6
Erysipelas	1	—	—
Dysentery	1	—	—
Pnerperal Pryexia	1	1	—
Measles	158	—	—
Whooping Cough	7	—	—

Table Showing Analysis of Notified Cases of Infectious Diseases under Age Groups

	Under 1 yr.	1 yr.	2 yrs.	3 yrs.	4 yrs.	5 yrs.	10 yrs.	15 yrs.	20 yrs.	35 yrs.	45 yrs.	65 yrs.	Total
Scarlet Fever	..	..	..	1	1	2	1	4	..	..	..	..	9
Diphtheria	..	1	..	1	3	18	16	14	13	3	1	..	70
Pneumonia	..	..	..	..	..	..	..	..	1	1	..	...	2
Erysipelas	..	..	..	..	..	..	..	..	..	..	1	..	1
Dysentry	..	..	..	..	..	1	..	..	.	..	..	..	1
Puerperal Pyrexia ..	..	..	..	..	..	..	..	..	1	..	..	..	1
Whooping Cough .	1	1	3	..	..	2	..	..	..	..	..	..	7
Measles..	2	13	27	25	28	45	11	6	1	..	..	..	158

ENTERIC FEVER.

No case of Typhoid Fever was notified during the year.

MEASLES.

This disease was epidemic during the first 10 months of the year, the districts most affected being Pegswood, Broomhill and East Chevington. There were no deaths.

WHOOPING COUGH.

There was a slight decrease in the number of cases of Whooping Cough notified, there being only 7 cases during the year. There were no deaths.

DIPHTHERIA.

This disease was very prevalent throughout the year, the worst months being November with 15 and December with 16 cases.

As was to be expected, the industrial parts of the district having the largest centres of population were most affected. The distribution of cases was as follows :—

Broomhill and East Chevington ...	22 cases.
Pegswood	16 cases.
Widdrington and Stobswood ...	9 cases.
Lynemouth	7 cases.
Linton Colliery	5 cases.
Hepscott	4 cases (3 in one family).
Mitford	4 cases (all in one family).
Espley, Cockle Park and Hartburn ...	1 case at each.

Out of the total of 70 cases, 25 were known to have been immunised, but of these only six had been inoculated more recently than the early months of 1941, when the dosages given were smaller than those which were afterwards recommended and adopted.

In the early part of the year the districts most affected were Pegswood and Broomhill, and the end of the year was marked by a sudden outbreak in the Widdrington and Stobswood area. This outbreak continued into 1946.

Three carriers were discovered in Pegswood in January and February, two of them being members of families in which a case of Diphtheria had occurred. Following this discovery and the isolation of these carriers, no further cases occurred in Pegswood until October, when the disease again broke out.

There were altogether 4 deaths, of which three occurred in non-immunised persons and one in a girl who had been inoculated at the beginning of 1941.

DIPHTHERIA IMMUNISATION.

During the year visits were paid to schools at North Broomhill, Red Row, Pegswood, Linton, Ellington, Lynemouth, Stobswood and Widdrington.

The following table shows the immunisation state of the pre-school and school population at 31st December, 1945.

Under 5 years	61·77%
School children	86·99%
Child population under 15 years ...	78·37%

In addition, 20 children received the course of treatment from private doctors under the Council's scheme.

Immunisation of pre-school children is carried out at clinics established by the Welfare Authority, i.e., the Northumberland County Council.

DEFENCE (GENERAL) REGULATIONS, 1939: SCABIES ORDER, 1941, No. 33A.

The incidence of Scabies showed a marked decrease, the number of cases treated being less than half of those treated in the previous year, 18 cases as compared with 50. Patients suffering from Scabies and Lice numbered 2 as compared with 14.

With the disbanding of the C.D. Services at the end of June, 1945, the ambulances were no longer available for the transport of persons coming from a distance. This was a factor in the reduced attendance at the cleansing station, but in addition there was undoubtedly a great decrease in the incidence of this disease.

The cleansing station in Ashington continued to function during the year and clinics at which your Medical Officer attended were held twice weekly.

The following table shows the number of persons from Morpeth Rural District who were treated according to their ages and conditions from which they suffered:

	Scabies only.		Scabies & Lice.	
	M.	F.	M.	F.
Over 16 years ...	—	2	—	1
5—16 years ...	9	3	—	1
Under 5 years ...	1	1	—	—
	10	6	—	2

Also appended is a table showing the total numbers treated from all the five districts included in the No. 2 Medical Area :

	Scabies Only		Seabies and Lice		Lice Only		Scabies Not Diseovered	
	M	F	M	F	M	F	M	F
Over 16 years	31	48	1	21	—	1	1	10
5-16 years	68	48	10	38	—	1	6	1
Under 5 yeaas ...	13	14	1	3	1	9	5	5
	112	110	12	62	1	10	12	16

TUBERCULOSIS.

New Cases and Mortality during 1945.

Age Periods.	New Cases.				Deaths.			
	Resp.		Non-Resp.		Resp.		Non-Resp.	
	M	F	M	F	M	F	M	F
0—								
1—5								
5—15	2	1		1		1		
15—25	3		1	2				
25—35	6	3		1		1		
35—45		1						
45—55	1					1		
55—65		1					1	
65 and over								
	12	6	1	4		3	1	

CANCER MORTALITY DURING 1945.

	MALES.						FEMALES.						
	30	40	45	55	65	Total	20	30	40	45	55	65	Total
Bronchus			1			1				1		1	2
Mediastinum					1	1							
Stomach				1	3	4				1			1
Colon					2	2					1	1	2
Rectum				1	1	2						1	1
Bladder :					1	1							
Prostate					1	1							
Breast							1				1		2
Uterus											1		1
Cervix										1		1	2
Ovary										1			1
Unknown								1					1
			1	2	9	12	1	1		4	3	4	13

S.D. 55.

Birth-rates, Civilian Death-rates, Analysis of Mortality, Maternal Mortality and Case rates for certain Infectious Diseases in the year 1945. Provisional figures based on weekly and quarterly returns.

	England and Wales.	126 C.Bs. and Great Towns including London.	148 Smaller Towns. Resident Population. 25,000 — 50-000 at 1931 Census.	London Adm. County.
	*Rates per 1,000 Civilian Population:—			
Live Births	16.1‡	19.1	19.2	15.7
Still Births	0.46‡	0.58	0.53	0.40
Deaths:—				
All Causes	11.4‡	13 5	12.3	13.8
Typhoid and Paratyphoid ...	0.00	0.00	0.00	0.00
Scarlet Fever ..	0.00	0.00	0.00	0.00
Whooping Cough ..	0.02	0.02	0.01	0.02
Diphtheria ...	0.02	0.02	0.02	0.01
Influenza	0.08	0.07	0.07	0.07
Smallpox	—	—	—	—
Measles	0.02	0.02	0.02	0.01
	Rates per 1,000 Live Births:—			
Deaths under 1 year of age ..	46†	54	43	53
Deaths from .. Diarrhœa and Enteritis under 2 years of age. ..	5.6	7.8	4.5	7.6

*A dash (—) signifies that there were no deaths.
†Per 1,000 related births. ‡Rates per 1,000 total population.

Notifications:—				
Typhoid Fever ..	0.01	0.01	0.01	0.01
Paratyphoid Fever ..	0.01	0.00	0.01	0.00
Cerebro Spinal Fever...	0.05	0,05	0.05	0.06
Scarlet Fever	1.89	2.02	2.03	1.57
Whooping Cough ..	1.64	1.65	1.47	1.25
Diphtheria	0.46	0.52	0.56	0.31
Erysipelas	0.25	0.28	0.24	0.31
Smlalpox	0.00	0.00	—	0.00
Measles	11.67	10,89	11.19	9.03
Pneumonia	0,87	1.03	0.72	0.78
	Rates per 1,000 Civilian Population.			

Rates per 1,000 Total Births (Live and Still) :—

(a) Notifications :—

Puerperal Fever ...	9.93	12.65	8.81	3.60
Puerperal Pyrexia ...				‡15.87

(b) Maternal Mortality — England and Wales :—

No. 140. Abortion with Sepsis	No. 141. Abortion without Sepsis	No. 147. Puerperal Infections	Nos. 142—6 148—150. Other
0.25	0.08	0.24	1.22

Abortion :— Mortality per million women aged 15—45 — England and Wales :—

No. 140. With Sepsis	No. 141. Without Sepsis
18	6

‡ Including Puerperal Fever.

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